

Fig. 1

SEQ ID NO: 1

GGCCCAGGCTGAAGCTCAGGGCCCTGTCTGCTCTGTGGACTCAACAGTTTGT
GGCAAGACAAGCTCAGAACTGAGAAGCTGTCACCACAGTTCTGGAGGCTGGG
AAGTTCAAGATCAAAGTGCCAGCAGATTCAGTGTCATGTGAGGACGTGCTTC
CTGCTTCATAGATAAGAGCTTGGAGCTCGGCGCACAAACCAGCACCATCTGGT
CGCGATGGTGGACACGGAAAGCCCCTCTGCCCCCTCTCCCCACTCGAGGCC
GGCGATCTAGAGAGCCCGTTATCTGAAGAGTTCCTGCAAGAAATGGGAAACA
TCCAAGAGATTTTCGCAATCCATCGGCGAGGATAGTTCTGGAAGCTTTGGCTT
TACGGAATACCAGTATTTAGGAAGCTGTCCTGGCTCAGATGGCTCGGTCATC
ACGGACACGCTTTCACCAGCTTCGAGCCCCCTCCTCGGTGACTTATCCTGTGG
TCCCCGGCAGCGTGGACGAGTCTCCAGTGGAGCATTGAACATCGAATGTAG
AATCTGCGGGGACAAGGCCTCAGGCTATCATTACGGAGTCCACGCGTGTGAA
GGCTGCAAGGGCTTCTTTTCGGCGAACGATTCGACTCAAGCTGGTGTATGACA
AGTGCGACCGCAGCTGCAAGATCCAGAAAAAGAACAGAAACAAATGCCAGTA
TTGTGCGATTTCAACAAGTGCCTTTCTGTCTGGGATGTCACACAACGCGATTCTG
TTTGGACGAATGCCAAGATCTGAGAAAGCAAACTGAAAGCAGAAATTCTTA
CCTGTGAACATGACATAGAAGATTCTGAAACTGCAGATCTCAAATCTCTGGC
CAAGAGAATCTACGAGGCCTACTTGAAGAACTTCAACATGAACAAGGTCAAA
GCCCCGGGTCATCCTCTCAGGAAAGGCCAGTAACAATCCACCTTTTGTACATAC
ATGATATGGAGACACTGTGTATGGCTGAGAAGACGCTGGTGGCCAAGCTGGT
GGCCAATGGCATCCAGAACAAAGGAGGCGGAGGTCCGCATCTTTCCTGCTGC
CAGTGACGTCAGTGGAGACCGTCACGGAGCTCACGGAATTCGCCAAGGCCA
TCCCAGGCTTCGCAAACTTGGACCTGAACGATCAAGTGACATTGCTAAAATA
CGGAGTTTATGAGGCCATATTCGCCATGCTGTCTTCTGTGATGAACAAAGAC
GGGATGCTGGTAGCGTATGGAAATGGGTTTATAACTCGTGAATTCCTAAAAA
GCCTAAGGAAACCGTTCTGTGATATCATGGAACCCAAGTTTGATTTTGCCAT
GAAGTTCAATGCACTGGAAGCTGGATGACAGTGATATCTCCCTTTTTGTGGCT
GCTATCATTTGCTGTGGAGATCGTCCTGGCCTTCTAAACGTAGGACACATTG
AAAAAATGCAGGAGGGTATTGTACATGTGCTCAGACTCCACCTGCAGAGCAA
CCACCCGGACGATATCTTTCTCTTCCCAAACTTCTTCAAAAAATGGCAGAC

Fig. 1 (continued)

CTCCGGCAGCTGGTGACGGAGCATGCGCAGCTGGTGCAGATCATCAAGAAGA
CGGAGTCGGATGCTGCGCTGCACCCGCTACTGCAGGAGATCTACAGGGACAT
GTACTGAGTTCCTTCAGATCAGCCACACCTTTTCCAGGAGTTCTGAAGCTGA
CAGCACTACAAAGGAGACGGGGGAGCAGCACGATTTTGCACAAATATCCACC
ACTTTAACCTTAGAGCTTGGACAGTCTGAGCTGTAGGTAACCGGCATATTAT
TCCATATCTTTGTTTTTAACCAGTACTTCTAAGAGCATAGAACTCAAATGCTG
GGGGAGGTGGCTAATCTCAGGACTGGGAAG

Fig. 2**SEQ ID NO: 2**

MVDTESPLCPLSPLEAGDLESPLSEEFLOEMGNIQEISQSIGEDSSGSFGFT
EYQYLGSCPGSDGSVITDTLSPASSPSSVTYPVVPGSVDESPSGALNIECRI
CGDKASGYHYGVHACEGCKGFFRRTIRLKLVDKCDRSCKIQKKNRNKCQYC
RFHKCLSVGMSHNAIRFGRMPRSEKAKLKAIEILTCEHDIEDSETADLKSLAK
RIYEAYLKNFNMNKVKARVILSGKASNNPPFVIHDMETLCMAEKTLLVAKLVA
NGIQNKEAEVRI FHCCQCTSVETVTELTEFAKAI PGFANLDLNDQVTLLKYG
VYEAIFAMLSSVMNKDGMLVAYGNGFITREFLKSRLKPFCDIMEPKFDFAMK
FNALELDDSDISLFVAAI ICCGDRPGLLNVGHI EKMQEGIVHVLRLHLQSNH
PDDIFLFPKLLQKMADLRQLVTEHAQLVQIIKKTESDAALHPLLQEIYRDMY

Fig. 3**SEQ ID NO: 3**

5' - CCAAGTTTGATTTTGCCATGAAG - 3'

Fig. 4**SEQ ID NO: 4**

5' - AGCAGCCACAAAAAGGGAGAT - 3'

Fig. 5**SEQ ID NO: 5**

5' - TCAATGCACTGGAAGTGGATGACAGTGA - 3'